

International Application No.

PCT/US 02/03087

A. CLASSIFICATION OF SUBJECT MATTER

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IPC 7 A61L15/44 A61L17/00 A61L27/54 A61L29/16 A61L31/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 902 283 A (DAROUCHE RABIH O ET AL) 11 May 1999 (1999-05-11) column 5, line 8 - line 25; claims; examples ---	1-39
X	EP 0 882 461 A (UNITIKA LTD) 9 December 1998 (1998-12-09) column 5, line 39 column 6, line 18 - line 19; claims; examples ---	1-39
P,X	US 2001/010016 A1 (MODAK SHANTA ET AL) 26 July 2001 (2001-07-26) claims & WO 00 57933 A 5 October 2000 (2000-10-05) cited in the application ---	1-39

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Y Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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'&' document member of the same patent family

Date of the actual completion of the international search

22 November 2002

Date of mailing of the international search report

04/12/2002

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/03087

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 707 366 A (BYRON M PARKE ET AL) 13 January 1998 (1998-01-13) claims; examples ----	1-39
A	RAAD I: "Intravascular-catheter-related infections" LANCET, XX, XX, vol. 351, no. 9106, 21 March 1998 (1998-03-21), pages 893-898, XP004265298 ISSN: 0140-6736 page 896, line 31 - line 54 ----	1-39
A	WO 93 17746 A (UNIV TEXAS) 16 September 1993 (1993-09-16) claims; examples 1-4 -----	1-39

INTERNATIONAL SEARCH REPORT
information on patent family members

International Application No

PCT/US 02/03087

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5902283	A	11-05-1999	US 5624704 A	29-04-1997
			AU 705163 B2	20-05-1999
			AU 5575696 A	18-11-1996
			CA 2219342 A1	31-10-1996
			EP 0830107 A1	25-03-1998
			JP 11504241 T	20-04-1999
			WO 9633670 A1	31-10-1996
EP 0882461	A	09-12-1998	JP 10328293 A	15-12-1998
			EP 0882461 A2	09-12-1998
			US 6416546 B1	09-07-2002
US 2001010016	A1	26-07-2001	US 6224579 B1	01-05-2001
			AU 4062000 A	16-10-2000
			EP 1165155 A1	02-01-2002
			WO 0057933 A1	05-10-2000
US 5707366	A	13-01-1998	US 5451424 A	19-09-1995
			US 5165952 A	24-11-1992
			US 5013306 A	07-05-1991
			US 6261271 B1	17-07-2001
			AT 103497 T	15-04-1994
			CA 2004366 A1	18-07-1990
			DE 69007631 D1	05-05-1994
			DE 69007631 T2	25-08-1994
			EP 0379269 A2	25-07-1990
			ES 2054229 T3	01-08-1994
			IE 64997 B1	04-10-1995
			JP 1993226 C	22-11-1995
			JP 2234767 A	17-09-1990
			JP 5023790 B	05-04-1993
			US 4999210 A	12-03-1991
WO 9317746	A	16-09-1993	US 5217493 A	08-06-1993
			AT 201603 T	15-06-2001
			AU 664263 B2	09-11-1995
			AU 3792593 A	05-10-1993
			CA 2130339 A1	16-09-1993
			DE 69330271 D1	05-07-2001
			DE 69330271 T2	27-09-2001
			DK 633795 T3	13-08-2001
			EP 0633795 A1	18-01-1995
			ES 2159520 T3	16-10-2001
			JP 2665399 B2	22-10-1997
			JP 7501470 T	16-02-1995
			WO 9317746 A1	16-09-1993